

Gray Caumeran | Telecommunications Engineer

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SUMMARY

- 7+ years Telecommunications Industry experience
- Ericsson Mini Link/OVS, Huawei RTN/OSN/DWDM, NEC 5000S/iPasolink microwave radio and optical fiber transmission experience
- GSM/UMTS/LTE and TETRA Network transmission experience
- Operation and Maintenance of RAN/UTRAN/BSS including site facilities

WORK EXPERIENCE

TETRA Network Management Center Microwave Engineer July 2016 - Present

Houssam Contracting Company

- Operation and Maintenance of TETRA Networks including Aviat Eclipse microwave radio and site facilities such as HVAC, Emerson/Telzas Rectifier System, Fire Alarm System, GE Discovery 1205 CCTV and 50kV/60kV Generators
- Microwave Radio Network Transmission Fault Management using Aviat ProVision EMS
- Regional Preventive Maintenance Scheduling and Control

Senior Engineer

September 2015 - March 2016

National Power Corporation

- Oversee all activities related to the implementation of AGUS VI Hydroelectric Power Plant Units 1 and 2 Uprating Project done by Guangxi Hydroelectric Construction Bureau of China (GHCB)

Telecommunications Project Supervisor

December 2014 - August 2015

NEC Philippines, Inc.

- Mindanao Regional Project Supervisor for Globe Telecom LTE Vindicator Project
- Subcontractor supervision and coordination for the completion of the Line-Of-Sight survey of 207 microwave links

RAN/UTRAN Field Operations Engineer

October 2011 - September 2013

Digitel Mobile Philippines Inc. (Sun Cellular)

- Operation and maintenance of different RAN/UTRAN transmission facilities such as Ericsson Mini Link E/TN (AMM 2p/6p/20p), Huawei RTN620/950 IP microwave radios and 33 Ericsson RBS2206/2216/2216v2 2G BTS and 7 Huawei BBU3900 3G Node B's
- **Telecommunications Projects Supervised**
 - SMART 2G Swap Project (Huawei-SMART Project Uno)**
 - Supervise installation and migration of Huawei BTS3900L/BTS3900A from Ericsson Mini Link TN to Huawei RTN620 microwave radio

Backbone Transmission Project Management Engineer

December 2009 - October 2011

Digitel Mobile Philippines Inc. (Sun Cellular)

Transmission Backbone Project Management Department

Huawei 3G Phase 3 Backbone Transmission Project

- Supervise contractors/subcontractors in the delivery, installation, power tapping, commissioning of Huawei BBU3900 Node B and Huawei RTN620 and NEC DMR500S microwave radio

Huawei Phase 8B Backbone Transmission Project

- Supervise contractors/subcontractors in the delivery, installation, power tapping, commissioning of different Huawei backbone transmission equipment such as OSN7500/3500/2500 and Huawei OSN6800/6100 DWDM

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Ericsson Phase 8B SDH MUX FOC Backbone Transmission Project

- In charge of supervising and facilitating the implementation of fiber optic transmission backbone network in Visayas and Mindanao in support for the 3G Phase 3 expansion project

Ceragon MCAB Transmission Project

- Supervise installation and completion of backbone transmission facilities using Ceragon FibeAir microwave radio and Huawei Metro1000 multiplexer

Ceragon NLTRP Transmission Project Upgrade

- In-charge on site in the supervision of outdoor and indoor installation of microwave links

Telecommunications Project Engineer

December 2008 - December 2009

NESIC Philippines Inc.

Project Implementation Department

- ***Telecommunications Transmission Projects Attended***

LBNi Transmission Services Project

- Team Leader of the Transmission Network Eng'g Team for the Joint Technical Site survey of a possible cell site.
- Leads a team of engineers, foreman and technician to conduct Radio Frequency Interference (RFI) survey of LBNi microwave links.
- Training of new Project Engineers

NEC-Globe NMS Project

- Audit of NEC Transmission equipment such as DMR 2000 microwave radio and MS3201, 21SMX, PNMSj Network Management Servers

Link Budget Calculation for TATA India GSM Project

- Uses Pathloss 4.0 in calculating the Link Budget for the 422 hops for TATA India GSM microwave links in 1 week

NCMB-Liberty LOS Survey Project

- Surveys over 400 possible cell sites and designs microwave links for Wi-Tribe WiMax National Development Project

Ericsson-DMPI North Luzon Survey Project

- Prepares Transmission Site Survey Reports of microwave links including RFI reports using different MS Office Applications

EDUCATION

Bachelor of Science in Electronics and Communications Engineering

University of San Carlos

2000-2006

P. Del Rosario St., Cebu City